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EXPRESS MAILING LABEL NO. EV 100 810 139 US

PATENT APPLICATION
Docket No: 15689.92



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yukihiko Okumura

Serial No.: 09/998,601

Filing Date: November 16, 2001

Confirmation No.: 6209

For: DATA TRANSMISSION METHOD, DATA
TRANSMISSION SYSTEM, TRANSMITTER
AND RECEIVER

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REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Honorable Commissioner of Patents
and Trademarks
Washington, DC 20231

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Sir:

The undersigned, Yoshitaro Shimanuki, declares: that he is the Intellectual Property Executive Manager of NTT DoCoMo, Inc., and that he is authorized to execute this Revocation and Substitute Power of Attorney on behalf of NTT DoCoMo, Inc.; and that NTT DoCoMo, Inc. is the assignee of the entire interest of the above-identified application, as shown by the assignment recorded in the United States Patent Office at Reel 012342, Frame 0988, a copy of said assignment is attached at Exhibit A hereto; and that the attached assignment has been reviewed by him, and to the best of his knowledge and belief title is in the assignee NTT DoCoMo, Inc.. The assignee, NTT DoCoMo, Inc., hereby revokes all previous powers of attorney in the above-identified application, and now hereby appoints all attorneys under customer number:



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PATENT TRADEMARK OFFICE

of WORKMAN, NYDEGGER & SEELEY, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, as attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith. The declarant further declares that all statements made herein of his own knowledge are true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon. All correspondence and telephonic communications should be directed to:

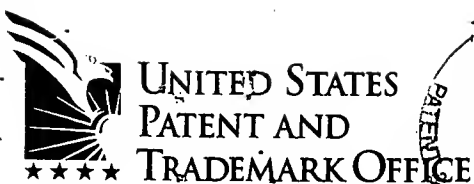
ADRIAN J. LEE
WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

All previous powers of attorney are hereby revoked.

Signed this 30 day of September, 2002.

Yoshitaro Shimanuki

Yoshitaro Shimanuki
Intellectual Property Executive Manager
NTT DoCoMo, Inc.
11-1, Nagatacho 2-Chome
Chiyoda-Ku
Tokyo 100-6150, Japan



3815/144

JANUARY 29, 2002

PTAS

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RECORDATION DATE: 11/16/2001

REEL/FRAME: 012342/0988
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

OKUMURA, YUKIHIKO

DOC DATE: 11/12/2001

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ASSIGNEE:

NTT DOCOMO, INC.
11-1, NAGATACHO 2-CHOME, CHIYODA-KU
TOKYO, JAPAN 100-6150

SERIAL NUMBER: 09998601

PATENT NUMBER:

FILING DATE: 11/16/2001

ISSUE DATE:

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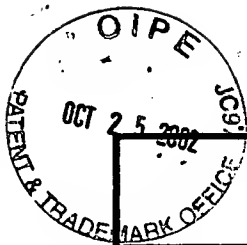
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Yukihiko OKUMURAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

11/16/01

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: November 12, 2001

2. Name and address of receiving party(ies):

Name: NTT DoCoMo, Inc.

Internal Address:

Street Address: 11-1, Nagatacho 2-chome,
Chiyoda-kuCity: Tokyo Country: JAPAN ZIP: 100-6150Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is November 12, 2001

A. Patent Application No.(s)

B. Patent No.(s)

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Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document should be
mailed:BROWN RAYSMAN MILLSTEIN FELDER &
STEINER LLP

900 Third Avenue

New York, New York 10022
(212) 895-20006. Total number of applications and patents
involved: 17. Total fee (37 CFR 3.41):..... \$ 40.00☒ Check enclosed☐ Authorized to be charged to deposit account8. Deposit account number: 02-4270

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached
copy is a true copy of the original documentRalph F. Hoppin, Reg. No. 38,494

Name of Person Signing

Signature

Date

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ASSIGNMENT

WHEREAS, I, Yukihiro OKUMURA,
citizen of Japan,
residing at 9-2-3-405, Sugita, Isogo-ku, Yokohama-shi, Kanagawa 235-0033, Japan

have invented one or more inventions (hereinafter referred to as "said invention(s)")
disclosed in an application for Letters Patent of the United States titled

**DATA TRANSMISSION METHOD, DATA TRANSMISSION SYSTEM,
TRANSMITTER AND RECEIVER**

(hereinafter referred to as "said application"), said application having been executed on
even date herewith or filed on _____ and assigned application
Serial No. _____.

WHEREAS, NTT DoCoMo, Inc., (hereinafter together with its successors and
assigns referred to as "the Assignee"), a Japanese corporation, having a place of business
at 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150, Japan is desirous of obtaining
all right, title and interest in, to and under said invention(s) and said application; and

NOW, THEREFORE, for good and valuable considerations, the receipt and
sufficiency of which I hereby acknowledge, I have sold, assigned, transferred and set over,
and by these presents hereby sell, assign, transfer and set over to the Assignee all right,
title and interest in, to and under said invention(s) and said application, including the right
to apply for any Letters Patent of the United States of America and in any and all foreign
countries on said invention(s), and any and all other applications for Letters Patent on said
invention(s), in whatsoever countries, including all divisional, renewal, substitute,
continuation, continuation-in-part and convention applications based in whole or in part
upon said invention(s) or upon said application, and any and all Letters Patent which may
issue thereon in the United States and foreign countries, and any and all reissues,
extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent
granted for said invention(s) or upon said applications, to the full term or terms for which
said Letters Patent may be issued, and every priority right that is or may be predicated
upon or arise from said invention(s), said application and said Letters Patent, the same to
be held and enjoyed by the Assignee for its own use and benefit fully and entirely as if the
same would have been held and enjoyed by me had this Assignment not been made. I
hereby authorize the Assignee to file patent applications in any and all countries on any or
all of said invention(s) in my name, or in its name, or otherwise as the Assignee may deem
advisable, under the International Convention or otherwise.


I hereby authorize the Commissioner of Patents and Trademarks of the
United States, and any official of any other country empowered to issue patents, to record
this Assignment, and to issue or transfer all said Letters Patent on said invention(s) to the
Assignee as owner of all right, title and interest therein, or otherwise as the Assignee may
direct, in accordance with the terms of this Assignment.

I hereby represent and warrant that I have the full right to convey the entire right and interest herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that I will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.

I hereby covenant and agree that I will, upon request of the Assignee, communicate to the Assignee any facts known to me relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers including without limitation all divisional, continuing and reissue applications and all rightful oaths and declarations, and generally do all further acts which may be deemed necessary by the Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

IN TESTIMONY WHEREOF, I have executed this document on the date indicated below.

Date: November 12, 2001


(Signature) Yukihiro OKUMURA